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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,913	09/05/2003	Hooshang A. Rezaie	584-27777US (102.40)	8638

7590

02/25/2004

EXAMINER
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Darryl M. Springs  
Division IP Counsel  
Baker Atlas Division of Baker Hughes Incorporated  
P.O. Box 1407  
Houston, TX 77251

ART UNIT	PAPER NUMBER
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DATE MAILED: 02/25/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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10-656,913      9-5-03      Re29:e

EXAMINER

ART UNIT

PAPER NO.

DATE MAILED: 2-25-04

**SECURITY ORDER**

35 U.S.C. §§181-188

Including:

**Permit for Disclosing Subject Matter to Government Employees and Other Specified Persons  
("Permit A")**

The above-identified patent application contains subject matter the unauthorized disclosure of which would, in the opinion of the sponsoring defense agency be detrimental to the national security.

**ALL PRINCIPALS<sup>1</sup> IN THIS APPLICATION ARE ORDERED TO KEEP THE  
SUBJECT MATTER THEREOF IN SECURITY UNDER 35 U.S.C. §181.**

**The subject matter of this application may not be published or disclosed to any person except as specifically authorized herein or subsequently authorized by written modification of this Security Order granted by the Commissioner of Patents & Trademarks (see 37 CFR §5.5).**

Unauthorized publication or disclosure of the subject matter of this patent application may result in abandonment of the application (35 U.S.C. §182) and additionally subject the person publishing or disclosing the subject matter to the penalties of 35 U.S.C. §186.

<sup>1</sup> "Principals" include all patent applicants, their heirs, assignees, licensees and their attorneys and agents.

The subject matter of this application must be safeguarded under conditions that will provide adequate protection and prevent access by unauthorized persons. When copies of the subject matter are no longer needed, they should be destroyed by a method that will prevent disclosure of the contents or reconstruction of the document.

The subject matter of this application may not be disclosed to any person except as authorized herein without written modification of this Secrecy Order by the Commissioner of Patents & Trademarks.

Any other patent application already or hereafter filed in the U.S. or any foreign country which contains any significant part of the subject matter of the above-identified patent application also falls within the scope of this Order. If such other patent application is not currently under a Secrecy Order imposed by the U.S. Patent and Trademark Office, it and the common subject matter must be brought to the immediate attention of:

COMMISSIONER FOR PATENTS  
P. O. BOX 1450  
ALEXANDRIA, VA 22313-1450.

This Order should not be construed in any way to mean that the U.S. Government has adopted or contemplates adoption of the invention disclosed in this application and it is not any indication of the value of such invention. Additionally, this Order is not an indication in and of itself that the subject matter of this application is or should be classified.

This Secrecy Order was recommended to the Commissioner of Patents & Trademarks by the following sponsoring defense agency:

( ) ARMY

( ) NAVY

(X) AIR FORCE

Questions regarding the reasons for imposing this Secrecy Order should be directed to the sponsoring defense agency. A contact for each defense agency is attached. Questions regarding the substantive examination of the patent application should be directed to the patent examiner, and questions pertaining to the administrative handling of the application or the Secrecy Order should be directed to the Licensing and Review Branch of the Patent & Trademark Office.

**Permit for Disclosing to Government Employees and Other Specified Persons  
("Permit A")**

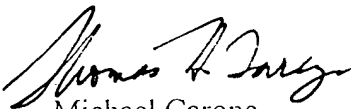
The principals designated in this Order are authorized to disclose the subject matter to any person of the classes hereafter specified if such person is known to the principal disclosing to be concerned directly in an official capacity with the subject matter, provided that all

reasonable safeguards are taken to otherwise protect the invention from unauthorized disclosure. The specified classes are:

- a. any officer or employee of any department, independent agency or bureau of the Government of the United States; or
- b. any person designated specifically by the head of any department, independent agency or bureau of the Government of the United States, or by his duly authorized subordinate, as a proper individual to receive the subject matter.

Principals under this Order are further authorized to disclose the subject matter of this application to the minimum necessary number of persons of known loyalty and discretion, employed by or working with the principals or their licensees and whose duties involve cooperation in the development, manufacture or use of the subject matter by or for the Government of the United States, provided such persons are advised of the issuance of this Order.

The provisions of this permit do not in any way lessen responsibility for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and national security.

*for* 

Michael Carone,  
Licensing & Review Administrator  
U. S. Patent & Trademark Office

## DEFENSE AGENCY CONTACT LIST

Army: Diane Winters  
US ARMY PATENT, COPYRIGHTS & TRADEMARKS DIVISION  
OFFICE OF THE JUDGE ADVOCATE GENERAL  
901 NORTH STUART ST.  
ARLINGTON, VA 22203-1837  
703-696-8113

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OFFICE OF THE CHIEF OF NAVAL RESEARCH  
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WRIGHT-PATTERSON AFB, OH 45433-7109  
937-255-2838

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U.S. DEPARTMENT OF ENERGY  
OFFICE OF THE ASSISTANT GENERAL  
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WASHINGTON, DC 20585  
202-586-2810



DEPARTMENT OF THE AIR FORCE  
AIR FORCE MATERIEL COMMAND LAW OFFICE (AFMC)  
WRIGHT-PATTERSON AIR FORCE BASE OHIO

18 February 2004

MEMORANDUM FOR COMMISSIONER OF PATENTS AND TRADEMARKS  
U. S. PATENT AND TRADEMARK OFFICE  
ATTN: SECURITY GROUP, LICENSING AND REVIEW  
P O BOX 1450  
ALEXANDRIA, VA 22313-1450

FROM: AFMC LO/JAZ  
2240 B Street, Room 100  
Wright-Patterson AFB, OH 45433-7109

SUBJECT: Request for Secrecy Order

The following identified application has been examined by the Air Force, under the provisions of 35 U.S.C. 181.

U.S. Patent Application Serial No. 10/656,913  
Filed: 09/05/2003  
Inventor(s): Rezaie  
Prosecuted by ☐ Govt. ☐ Contractor ☒ Unknown Party

This is to notify you in accordance with the above examination that the publication or disclosure of the invention by the granting of a patent therefor would be detrimental to the national security. It is accordingly requested that you order the invention be kept secret and withhold the grant of a patent for such period as the national interest requires.

It is further requested that the following Secrecy order issue

- ☐ Secrecy Order and Permit for Foreign Filing in Certain Countries  
DOD Property Interest/Unclassified export restricted subject matter
- ☐ Secrecy Order and Permit for Disclosing Classified Information  
Level of Classification \_\_\_\_\_
- ☒ Secrecy Order - It is further requested that this Secrecy Order issue with
  - ☒ Permit A (PTO 229)
  - ☐ No Permit

*Janice L. Kisamore*  
JANICE L. KISAMORE  
Legal Instruments Examiner  
Directorate of Intellectual Property Law

FEB-18-2004 14:39

AFMC LO 2557906

937 342 1995

P.02/03



DEPARTMENT OF THE AIR FORCE  
AIR FORCE MATERIEL COMMAND LAW OFFICE (AFMC)  
WRIGHT-PATTERSON AIR FORCE BASE OHIO

18 February 2004

MEMORANDUM FOR COMMISSIONER OF PATENTS AND TRADEMARKS  
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U.S. Patent Application Serial No. 10/656,913  
Filed: 09/05/2003  
Inventor(s): Rezaie  
Prosecuted by ☐ Govt. ☐ Contractor ☒ Unknown Party

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- ☒ Secrecy Order - It is further requested that this Secrecy Order issue with
  - ☒ Permit A (PTO 229)
  - ☐ No Permit

*Janice L. Kisamore*  
JANICE L. KISAMORE  
Legal Instruments Examiner  
Directorate of Intellectual Property Law

FEB-18-2004 14:40

AFMC LO 2557906

937 342 1995

P.03/03

UNCLASSIFIED  
ACCESS ACKNOWLEDGMENT~~CONFIDENTIAL~~  
SECURITY ORDER RECOMMENDATION BY DEFENSE AGENCY

Application Serial No.: 10656913

Defense Agency: AF

Filing Date: 5 Sept 03

Date Referred:

I hereby acknowledge as indicated by my signature on this form that I have inspected this application in administration of 35 USC 181 on behalf of the Agency/Command specified below. I promise not to divulge any information from this application for any purpose other than administration of 35 USC 181.

## Recommendation

(e.g. 'Secrecy Not Recommended (SNR)')

Reviewer(s) Signature/Date/Command

Recommendation	<i>[Signature]</i> 13 Jan 04 <i>[Signature]</i> 21 Jan 04	AFMCLO/JAZ AFRL/MN03
	Secrecy order, IAW AFRL SCG Air Force Explosives dtd 15 Oct 2002. Recommended Section VI Topics 1+2; Reason 1.5c. and Section VII Topic 1, Reason 1.5c. <i>[Signature]</i> 10 Feb 04	
If attachment(s) is (are) withdrawn (or not attached) the classification of this correspondence will be cancelled.		

## Instructions to Reviewers:

1. All individuals reviewing this application are required under 35 USC 181 to sign and date this form regardless of whether they are making a secrecy order recommendation.
2. The attached copy of the application, any copies made therefrom and this form must be returned to the PTO once a recommendation not to impose secrecy has been made or a secrecy has been rescinded.

## Time for Completion of Review:

Pursuant to 35 U.S.C. 184, the subject matter of this application may be filed in a foreign country for the purpose of filing a patent application without a license anytime after the expiration of 6 months from filing date unless the application becomes the subject of a secrecy order.



FEB-18-2004 14:40

AFMC LO 2557906

937 342 1995

P.03/03

UNCLASSIFIED  
ACCESS ACKNOWLEDGMENT~~CONFIDENTIAL~~  
SECURITY ORDER RECOMMENDATION BY DEFENSE AGENCY

Application Serial No.: 10656913

Defense Agency: AF

Filing Date: 5 Sept 03

Date Referred:

I hereby acknowledge as indicated by my signature on this form that I have inspected this application in administration of 35 USC 181 on behalf of the Agency/Command specified below. I promise not to divulge any information from this application for any purpose other than administration of 35 USC 181.

## Recommendation

(e.g. 'Security Not Recommended (SNR)')

Reviewer(s) Signature/Date/Command

	<i>[Signature]</i> 13 Jan 04 <i>Aileen Herhagen</i> 21 Jan 04	AFMCLO/JAZ AFRL/ANNOB
Security order Recommended	IAW AFRL SCG Air Force Explosives dtd 15 Oct 2002. Section II Topic 1 <sup>st</sup> , Reason 1.5c and Section VII Topic 1, Reason 1.5c. <i>Charles W Jenkins</i> 10 Feb 04	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;">If attachment(s) is (are) withdrawn (or not attached) the classification of this correspondence will be cancelled.</div>		

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